Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P20687	Serial No. 09/843,939
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant K. YASUNAGA et al.	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
		7 2 9 5 5 9 8	11/10/95	JAPAN				
		6 2 0 2 6 9 7	07/22/94	JAPAN				
		2 - 1 2 3 0 0	01/17/90	JAPAN				
	8	- 0 4 4 4 0 0	02/16/96	JAPAN				
		8 0 1 6 1 9 6	01/19/96	JAPAN				
		6 1 7 5 6 9 5	06/24/94	JAPAN				
		8 0 0 6 6 0 0	01/12/96	JAPAN				
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OTHER DOCUMEJAPANIncluding Author, Title, Date, Pertinent Pages, Etc.)

	1	M.R. SCHROEDER et al., "Code-Excited Linear Prediction (CELP): High-Quality Speech at Very Low Bit Rates", Proc. ICASSP, pp. 937-940 (1985).
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	3	LINDE et al., "An Algorithm For Vector Quantizer Design", IEEE Transactions On Communications, Vol. Com-28, No. 1, pp.84-95 (1980).
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	9	An English Language abstract of JP 8-016196.
1	0	An English Language abstract of JP 6-175695.
1	1	An English Language abstract of JP 8-006600.
1	2	An English Language abstract of JP 8-279757.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MO		5 2 9 3 4 4 9	03/08/94	TZENG			
MO		5 4 2 8 5 6 1	06/27/95	BRYANT et al.			

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MO		9 - 6 3 9 6	01/10/97	JAPAN				
	1	0 - 6 3 3 0 0	03/06/98	JAPAN			X	
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MO	1	3	An English Language abstract of JP 9-6396.
	1	4	An English Language abstract of JP 5-281999.
	1	5	International Communication Union, "Series G: Transmission Systems and Media, Digital systems and Networks-
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	1	7	KIM et al., "A Complexity Reduction Method for VSELP Coding Using Overlapped Sparse Basis Vectors."
			Proceedings of the International Conference on Sigal Processing Application and Technology, October 18, 1994.
MO	1	8	MILLAR et al., "A Multipulse Speech Codec for Digital Cellular Mobile Phone Use." Proceedings on the
			Workshop on Speech Coding for Telecommunications, U.S., Boston, Kluwer, vol. -, 1989, pages 87-96.

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MP		4 7 9 7 9 2 5	01/10/89	LIN	~		

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	1	9	Article entitled "A Multi-Mode Variable Rate Speech Coder for CDMA Cellular Systems" by N. TANAKA et al., 1996 IEEE 46th Vehicular Technology Conference, Mobile Technology for the Human Race (Cat. No. 96CH 35894), April 28 to May 1, 1996, pages 198-202, vol. 1.
MP	2	0	Article entitled "Analysis and Improvements of the Vector Quantization in Selp", by W.B. KLEIJIN et al., 1988 Proceedings of the European Signal Processing Conference, pages 1043 to 1046.

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MM		5 0 6 0 2 6 9	10/22/91	ZINZER			
		5 3 9 6 5 7 6	03/07/95	MIKI et al.			
		5 3 7 1 8 5 3	12/06/94	KAO et al.			
MM		6 1 1 5 6 8 7	09/05/00	TANAKA et al.			

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MM	2	1	Article by Laflamme et al., entitled "On Reducing Computational Complexity of Codebook Search in CELP Codes
			Through the Use of Algebraic Codes", IEEE IACSSP-90.

EXAMINER MM McGuire	DATE CONSIDERED 11/19/03

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